

(1) Codorus-Comus - Hatboro Association.

Soils in this association are well drained to poorly drained soils lying on nearly level floodplains.

This association occupies about two (2%) percent of the land area of the county. It is located primarily along larger streams and rivers throughout the county. The association is characterized by narrow, nearly level stream floodplains which are subject to occasional or frequent flooding of short duration. These soils have been formed from alluvial deposits.

About ninety (90%) percent of the land in this association has been used in farming operations. These soils are capable of high production and intensive agricultural use when artificial drainage measures have been installed where needed.

They are generally not suitable for residential or industrial development because of the flood hazard. Shallow depth to the water table and flooding are the chief hazards limiting the use of the soils in this association.<sup>1</sup>

Limitations of this soil association series are primarily a history of flooding and a high water table. The most suitable uses for this soil association are: 1) agriculture, 2) recreation, 3) conservation, 4) open space.

(2) Porters-Edneyville - Tusquitee Association.

These soils are well drained soils on steep and very steep mountains at elevations generally above 3,000 feet.

This association series occupies approximately fifty-five (55%) percent of the county. It is located on the higher mountains which occupy most of the southern half of the county and on the upper reaches of the Tuckasee River watershed. The area is characterized by narrow ridge tops with steep and very steep side slopes and steep coves. Slopes are mostly in the range of twenty-five (25) to sixty (60%) percent. Because of the cool moist climate where these soils occur,<sup>2</sup> they are seldom dry and are relatively high in organic matter.

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<sup>1</sup>U. S. Department of Agriculture, Soil Conservation Service, "General Soil Map and Interpretations," Raleigh, N. C.

<sup>2</sup>Ibid.